

## **ABSTRACT**

### **TITLE:**

A binder of vegetable nature for the production of materials for building and/or civil engineering

### **APPLICANT:**

COLAS

### **INVENTION OF:**

Michel Ballié

This invention concerns a binder for the production of a layer for road works or civil engineering. It comprises, with respect to the total weight of the binder :

- (a) 2 to 98% in weight of at least one purely natural or modified natural resin, of vegetable origin, having a softening point measured of 30 to 200°C;
- (b) 98 to 2% in weight of at least one oil of vegetable origin having a viscosity at 25°C of 50mPa.s to 1000Pa.s,
- (c) said binder having :
  - (c1) either a penetrability at 25°C, of 20 to 300 1/10 mm and a softening point of 30 to 75°C,
  - (c2) or a penetrability at 15°C, of 300 to 900 and a viscosity at 60°C, et
- (d) said binder being exempt of any natural or synthetic elastomer and of any thermoplastic polymer .

NO FIGURE